# Aviation Tews MERICAL PURISHING COMPANY, INC. JULY 31, 1944



Iestify at American Export Furchase Tiesting: Top drivine of pictuae were among wancesses as a Croot Aeronautics Board examiner took testimony in a Washington hearing on American Afrilines' proposed acquisition of American Export Airlines, Left to right are A. N. Ramp, president of American Airlines, John E. Stater, executive vice-president of American Export, and Raiph S. Damon, vice-president of American Tiesting

## Pogue Body Urges Speedy Disposal of Large Planes

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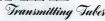
## GE Moves to Mass Production of JP Aircraft Turbines Lack of materials necessary to stand intense heat and pressure remains major barrier; all important nations at work. ... Page 11

#### Airport Users Urge Program for Expansion of Fields Executive committee named at NAA-sponsored

### Progress of Air Mission to Spain Rouses Optimism

#### DC-3 Reconversion Costs Average \$32,000 to \$40,000 Between 12,000 and 15,000 manhours reported re-

## Transmitting Tubes.





The transmission tube place of Keo-Rad does not face a severy nearway reconversion problem as the types now made for sirborne conjugated are condr for commercial seission. Additional cone will be made recovade to serve requirements. In the meantime our Avanton Division is prepared for neace while working for war



TRANSMITTING TURES CATHODE RAY TURES SPECCAL PURPOSE TURES INCANDESCENT DAMPS PLUGRESCENT LAMPS

## Washington Observer

UNITED AND FOREIGN SOUTHN-W. A. Air Lines does not latend to the application for any facrica region corn though it now is flying the Pacific regularly as an ATC contractor, is of interest in interestinal post-war flying by EAL. It has been known for some time that United world like to organize an affiliated or subsidiary company, preferably tearning with other interests including a major steamohip community like Mataga, to the internationally. The sements operation wight he controlled by the moved British correspond with refracity stock held by one or more other transportation cornnonies with world-wide conceivage in travel merchandising and hatel and tour management. tirline consumy will fly interestinable, but that any such service will be flown by specially areutized, senarate subsidiaries or affiliates

IT S AID FOR SOUTH AMERICAN LINES-Impressive plans are stready being earried out aid program to books up Lates-American nathese countries are already in training in air case of Peru, whose officials have had various aceltmonery talks in Washinston. In these diswork. The appropriated Parcent Lang above over not of the nicture because of Nicher safety damagnets resurred to Andrea Subit, but the

JP AREAD OF SCHEDULE-Quantity near nessered by General Electric last week in conthat IP process is about of schoolste. There are pages meableson. But free, if any, such sevels lianery improvements in existing hore given burber perferences in so sheet a ture. It is no secret that the 500 meh air secrel mark has

JP AND BOROTS...The General Martris onefficient and a furth defress. The season is

BODONS AND AND PORCES To contra axiation observers think the robot bumbs' development will have ultreately a very impertant effect on military aviation. There is Extie doubt that the next few years could bring improved lang-range missiles, radio-controlled



Thursderboits for U.S., Russie, Brazil and England at Republic's Pervisuadate Plane AVIATION NEWS . July 31, 1964

#### This Light Weight, Heavy Duty MOSSMAN AIRCRAFT SWITCH

Can't Re Jarred Out of Position Deviated with a full understanding of the requirements of corcreft use.

built into the swilds Detect mechanism consum of a vicanicus steel spenic which is located in a

the contour of the lighth plate, giving a positive looking or saring return esculption plots is overlights and may be arriefled in flesh to match want.

5 manuary 130 pain a C force industrial

The Hayamon O-42 Heavy Duty Lever Switch is one of a loss of precision electrical commonwels which includes many types of heavy duty, multiple

alough lever switches, turn switches, push switches, plug looks and special periodise components. Sensi for catalog containing full information. Dennitt P. Masserone, Inc., 612 N. Michigan, Ave., Chicago (10), III.

MOSSMAN Electrical Components

#### AVIATION NEWS

July 31, 1944 Wichmens Cherry

THE STARF GERRY H. MICKELL

THE PHOTOS

Publishes and Essenter Offices,

AVIATION NEWS . July 11, 1944

Washington Observer

free a remote point, smaller back radio inmakes which would couble a disputcher to also the barnh's exact lacadicy at any received. It is subr a resilier of fince until this country will be issueded on the world's greatest printless bomb reward transact, in the animon of competent officials in Washington. The study will also devale beened attention to defend measures erosest these wearons.

ATMING ROBOTS-Scorces that know not row that the robust can be street more securately than too surmen are admitting. Two Early robot, it is said, has a small relative ours. that exists three letters by right complaintly disour its furbt. Radio direction sixitors in France take hearings and plot to course. Each succesthis method its explosion point can be determined. The Germana also are reported tracking the robots with radar from ground stations and planes. They are NOT using radar or radio conto determine their striking position in relation to the tarnet. Then they correct on succeeding artiflery pragtice adapted to use the longer range of the robot and the longer same of new equipment such as rodar and rodio.

PEEDER LINE DAMPENERS-The Air Line Pifets Association, AFL union, can be expected th renke lead protests as soon as the feeder airthe program shows sages of blusteening to alsable proportions. It hopes to take in all fender Too whate on full-fledand members to constale. its nemerical parities and componently will avthen around up the his lines. No remanable observer can see how wealter correspies con ment the trank lines any scale, nor any reason why this should be done. The ALPA also will strike at any many to allow feeder lines to open ste with one pilot instead of two, and is Thely combat variferously all attempts to change civil sir regulations for the benefit of small airliners and equipment. It will be an unbarry firld for

sir transportation if it develops as expected. ATC COMPETITION—Beccet resurrences

tion to compete in international air transporta-

non with commercial companies. For example, they would prefer to move out of Europe in a Gormany goes down within a few months, however, general consensus is that no consensual surface will be ready to take over ATC routes Would an ATC close-down be wise then from the standpoint of U S prostage? Growing opinup in Westergion is that it would not, and that ATC should be kept in regular operation ec. for coursele, the North Atlantic service until monthme, ATC already is beginning to secept paid paperagers in a few cases, similar to BOAC practice, and this can be expected to continue to

OUR PACIFIC POWEE-This melice's navel

and sir pewer is the Pacific beyond Howaii is discussed in award tones even by experienced pewseen, not easily argressed, who have reterned frees fleat assignments. Our strength is being increased every month. Naval affects here pay the Jogo don't know the bull of it and exight not believe it If they did Officials here are rear viscod that the Jap Navy wan't dare to take the effective at any point except in a desperate ministe stalke. One six recognolisation in to efficient that a surprise jub at any of our fleets is called impossible. Big plaza are being made.

. . . EMPHASES ON NIGHT FIGHTERS-There will be other new specially designed right fightto leave the burden of this work to the RAF But as Paralle activity steps up the U. S. most manufethity too. Westgreten officials are make

REAVERROOK'S AVIATION TALKS --Best Briffish sources saids from Lord Beaverbrook blesself contend that any avustion talks derive his current while to Washington, orlrearfly for all discertions will be held incidentally, if time permits. Aviation people bere fully expect however that Becoughrook "avil find the fire," and official circles auticinate that these will be come solution buildles though president communications without consideration of new major subjects. Peter Masefield, farmer axiation writer an various British papers, accompanies The Beaver.

STISTION NEWS - NO. 11 1944

act as arrests for the reverment to

ur reasonable fees. This is advo-

relationships Foreign disposal ne-

transport planes will be declared surplus abroad, the subcommittee

Sales should be either estricted



## GI's ... by proxy

Whether We force decrees below zero staff help keep thousands of Afracobras of the world

The first sechoical mission next to and engagery These men once vakewhich has asked as in producing even Thurs to a dangerous life. They are Army Air Furces-frome a nakine's blo Some of these Red Servicemen are

tier Domain Some are gitter their Dayson Others are taking a special Super-factories of which Bell Associate

now studying the nest powerful fighter plant at Marietta, Go. And when the new Bell believes the bound and able for reveral use, the surface directions:





#### Pogue Subcommittee Urges Speedy Disposal of Large-Plane Surplus

SWPA advisory group would clear field of hig transports in 15 months after they have been declared surplus; study folloss ceneral lines of Harvard survey.

A generally inversible reaction to the Surplus Aircraft Advisory been declared surplus, is anticipat-In its seneral lines, the report of by L. Welch Pages chairman of a differe in some pertinent details Speed-The emerge of the report ler W. L. Clayton and the head of the Aviation Division of the SWPA. Col William B Handley testing be beld for a period of only six Personal agreeaft and correspon

of within a time limit of three Transport Plane Conversion-One significant difference between be done by the apprain manuface. that the manufacturer should be Other satisfassi condumons of the subcommittee are During the period of about supply, the Surplus War Presenty Adraproteague should decide which airlines, domestic and foreign, ing surplus transport autraft In

shie restallment ulan Demeste variable as those given foreign The subcommittee rejects the to which the plane will be put; mittee amerts, should be unaform

enrow for purchase of a new American plane. Newly designed planes in the American market will at an early date, the subcommittee



Seemb hour fare and aft of the his miduted of the B-29 are one secret of released housing alternately to registrain the pigue's equalibrary on bombried Exact agreents of the big shins has never been revealed.

ment as an effort to force American

Lend-lease transports should severt to the Casted States unless disposed of by international agree-Regular studies should be made leanworth in excess of presenting

dreamy should arrestible by dled under transport pelicies while a transport plane shortesy

uniform in sale for transport or

#### Price Formula

and returbated, will be \$66,-000 of the recommendations of The "na m" peace to more it has added to it a reasonable estimate of the overhead cast, value in sirling use times the number of steen in expected

Prices of arrelance beying larger capacity, additional doarmole operating theresternstics, and a longer estimated justed upward nearer the ori-

cost is recummended



Helical rates Europe S. Block, shot up over Pales in the Pacific stories back for his corner with his hidrenic system your and his flare wellen. a large hale in his right weep said his atlemen numbed. He frand his bution and greatest use can be ob-

#### Surplus Planes Net rred to quarkly as possible. The War Training Service of the \$3,242,000 in 5 Mos.

Recognitiveteen Finance Corn. Freed prices, especially discounts months of 1946, a newly released podive in this class plage becar age of approximately \$1,390 a a to see see . Week-Sales of surgiven enumeration consignment Other details of the OWI mount conditioning old equipment A Flight training instruments

AVIATION NEWS . July 31, 1944

poses only at a price not less than pency expedient and can be rebed

Airport Users Urge Program for Expansion, Operation of Fields

Executive committee named at NAA-sponsored conference in Washington to guide Federal legislation on port development, seek uniformity in state and local laws and standard charges

eistion last week completed the aret step in the country's first efwith design, construction and use erament participated in the Joint Aurport Deers Conference at the

that clanifed thanking, and in some cases accordent, will take the Land and Recovery-The meetincreased and analysis of the long-standing controversy over

or more additional conference will lighting, equipment and services, and with traffic oustral. Conferrers acrosed that design and distribution of landing faciliwelconent in this country. The took was taken periously, opinion

favor of action on the peri of law-1004 Controvers Berived-The

warts for surlanes to the sileped dis-

planes, some speakers controding

no! Others arrand that reclusion of

#### Notedy was authorized or ex- Plan Salvage Test

conducted with a four-enrise

the ships of that day,

the United States Army was cre-

ated Aug 1, 1907, fear years after



Address Joint Airport Users: These three were seeing the speakers at ference in Washington last useek. Left to right are William R. Enugri. castion, and J. E. Sommers, Deputy Card Aeronautics Administrator.

AVIATION NEWS . July 31, 1946

by AAF comprises 2 300 000 ort. con planes of which 35,000 are for the dryadon to obtain defivery of its first plane. Today, hundreds

#### WEST COAST REPORT Industry Eyes Order On Post-War Tooling Bloom manufacturers book to

gram energ ban on civilian production plans.

suveneter before a price or peruntited to lead about the URR properties to talk openly of post-Breigh polote practice carrier landwar plans following War Production Board orders authorising American industry to beam tooling up for commercial magnifuc-

CARRIER WIND GAUGE:

Sufficient tried for rafe landings

me Laberator "The Commando"

New in the last stance of evertical

ings The Charger, which operstes in the Norfolk and Homaton Bonds area, has chalked up more turing to a degree that will not a guit-work landshide and lead to of their plans, they will require

that nust around the corner they agencements of post-war plans may see a green hight for limited maguincture of civilian mode. PArmy Steed Awaited-Rearten-PERSONAL PLANES-Only a the WPS orders come from a fabuthat it it'll is a "secret" that at loss place 3,500 miles away, and various West Coast pleats a good-

the Army frewns on "post-wall ty handful of four-engine transports have been outfilled as the One major manufacturer still ecomponent leaders. They have post-war planning and is encaped of censorship fear a public reacand betterned near orbestoles is a that will rearr me combat. They manths ago, long before victory was even in mght, it did not up a peel-war planning department. cornoleted a detailed report to the corrosesy president, Participants Most famous of the "special" is the rescipch indicate the report which the company might compete Winston Charchall's globe-insuit-

nost-war talk is that if will start on the West Coart "The Commun-

do" has been polished until it shines like a new dellar, and probably will by Churchill in state to

Beeches, Lockheeds To Be Sold by DPC Small reasoners until to Acces depots, may go on sale in Augunt or early September.

An undetermined number at set here released to the DPC from not been developed, but DPC to

for take in other countries under Surplus Picture Unchanged -DPC, and last week that the surthe part month, and that new inrecluding sliders. As of July 1, an estimated 11,650 planes were in the hands of DPC for min and upproximately \$,500 had been sold.

though Mr. Rooms again empha-

been sold to private purchasers

surrendered to DPC free the 6,000 will be available for distributton in addition to the Appl

WTS rearrage. It is arriverated tential surplus will find compareparticularly in South America

#### GE Moves Toward Mass Production Of New IP Aircraft Turbines

All important nations at work on developments, but luck of manufale personner to small intense hour and pressure remain major begrier; jet engine has there-to-one thrust power advantage over conventional power plant; further gain seen. Associated and the General Elec- called upon to hele with the salu-

tree Co. that it will deveste 400,000 us ft. of plant space to productime of let accordings according sumption with internal combustion engines is not to be expected in the thermal jet engine. This is remarked? to no into quantity aredurting at this limited developdoes not represent a suppling hanmeet stare indicates saturactory Fuel Changes Likely-It is hisely andication of solid nelsowersent fuels will undergo transformation plications. It is not a bint of milltary desperation because it is obvider this comparison academic. It does not mean perfection of a bosic though small element in a board to sucrease. The conventional power plant comprises a third of the total empty weight of Dere to Stay-Jet propulsion is here to stay All of the world's

types, and magnitudene cost should Principles involved are well ortablished. We are dealing with

for long Already, considerable poserves has been made decreate. approve as materials are develcood

existing powers are bear with its

development, and General Electric

historia an Materials-The great form are take a propolitive force to creatin and direct these term-

AVIATION CALENDAR Avg 10-Conside Supress Andrew Storher Et-Ontologo Fight Conference Lawrence Et-Ontologo Fight Conference Lawrence Conference Lawrence Conference Conference

West, Chartest.

And Holle-Statistical State Actived Meaagement Continues Administrative Services as 
foreign, Administrative Services S Not. 18-th National Assistance of Sta-Assistance Officials, Assistance of Sta-Assistance Officials, Assistance Marriage, Okt. Charge D1-freezed Annual Medical, Ar-Databation and Memphasiarys As-tion Deferror Rests, 51 Learn, Ma-

free efficuencies at various obtitudes. probable will be an academic connianda, while in commissor ecoporeies will restate adaptation of

#### T. E. Moodie Dies

Bories, executive vice-erendent n Besten, A nertice of Tessa, Mr. Moodie took his B. S. at Massa-



from Europe indicates fighters still accompany heavier all the way or

PLobar Factor-in Army circles

the reason given for ecception to

## Bendix Gives New

Data on Helicopter of 100 mph.

tached to the under side of the Details of the Bondax halometer can be so operated as to give Bight closed as a brochure issued by Bendrs Heboucter, Inc. over the circ. nature of Vincent Bendy, founder in hevering, climb or flathtthat bears his name. There is no pensisic with vibration or Suppling Although provious apposagesystem and rups but construcfor the special propulsive system

and June 191 have indicated that brochure hats only one, a twoplace, 165 hp. believeter with a rated cruzing speed of 100 mph place ship was being designed ton, 660 hp behospter and a 20pamenger, two-ton, 1,395 hp. de-

PTricycle Landing Gear - First showed a feer-seat place with tricycle landing goar. The present conversion and culbacks. The are being made, Sendix says. speed of 120 med and contents speed at 15 percent power of 100

A Other Sancafications - Vertical er 138 byers easier seed 2100 b Procedure-Aritur H. Benker.

speed, 345 moh; rotor dampeter, 22 the WPS, outlined the procedure by which the staff of the committhat with exclusive designs of the location of employment and the

the petroleum industry of avinagents, and high octane aviation

act for construction of buildings, dition and roofs at the AAF Er-onest Eupet, Amenda, CARE. The actual islant \$2,485204. Apather confront for \$1.542,043 have a manufact for manufacture. of apostyrane, work of Laught Brisideth City County, Va.

and industrial (Lens in the around at \$222,225 000. Other ablements included Ordanuss \$215,516,000, water-orast, \$25,-11,800, and agricultural products, \$65,-Besler Steam Engine on ourse 11 desorted the 1903 dereleased of William J. Besley of

Louis C Trooky The accompanythe news story was correct. The years retar speed, 200 years tip deputy carculary vice-charman of editors regret this error

#### Future of Model 39 Up to Car Changes Consolidated Value memberds

increasing possessers for liberaland sirworthing requirements Constituted Voltage Madel 28

der way the four-engined trees-

Outus-Wright Dourles and Soc. 1 Scree Charges Likely-Govern-

ment officials do expect some regras are now about as low as Consolidated, in a statement for

be forthcomman \*specialism of the model 29 to conform to outmoded CAB resution of went loading and stalling meed characteristics expendence P. Based on Hilling's Spergers-Tyres cal of the contention by some in-



B-18 USED IN RESCUE TRAINING from active duly with the AAF, note is used by the marine distinct of

is Cal Newton of Hanger Six, set of theoretical revolutions. The through out-witer, corner and landiar near-with exception of

tary standards should not be com-

4th Council Formed By Contract Schools formation Council, a fourth reof reconstitutives of Army con-Like those groups furned in the phasis upon "vincents" testing Western and Kastern Player Trainwill study the peopletities for with-

Study Performance Of Forore Planes

Aeronaurical engineers of L. A. at higher speads as result of consumily increased efficiency of

About 400 enrincers attended the 

methods was given in papers by C J Regretts and W. L. Howland of Lockbeed Aircraft Curp. Army training program at com-Loads in Flight"-by Robert Ros-Charman of the Central Council Eastern Aircraft Division, General



wing maintaining automatic rota-

tion for safe descent without ea-

WPB Issues New

Reconversion Orders

distoration in event of naides cutbacks.

By MARY PAULINE PERRY

gine power

cycla in Stress and Vibration Westprebouse Electric and Manafactories Co. Altitude Chamber. Valtee Aircraft Caro and William Tests of Agreeaft Electric Meters R Sears, Northron Appropriations Kuttler, Numerooks-Moneywell Reculsion Company, "Use of a Procuum Automatic Pilot in Re-

New Helicopter Tested on Coast conding Aureral's Performance Unusual interest was shown, too. Forward mond of 100 moh. and

Motors Corp., "Influence Coeffi- neer, Booing Aircraft Co., Elbot:

G Red Stanfard University E J

Inc., E. G. Steer, Constituted

crustons rate of 75-80 claimed by is a thermodynamics caper bor-Sunity Hiller, Ic. ray turbine opine. This poper, asine as frendation a discausion of held at Berkoley, Calif., of what Coast's first successful helicopter. was broken last week after two meeths of experamental flights Agreedynamic Bulancing - The tubular steel and fabric furctage. carries a 90 hp. Frenklin curps, p. parametrized by superimposed contra-retating two-blade rotors of first time by L. E. Root, of Dozz-

taried to the paper of R. M. Head. Affectional by 10 Year Old Designer and builder of the new 'con-Je, associated with his father in testine modern aggraft of hugh part of his offerent of lay curves that may be applied to check the is reported to be easy (no foreste

in detail equations used to de-No Vibratias-An achievement co-chairmen, were outdanding of major importance reported by Militian, Californa Institute of throughout all conditions of flight. Technology: J. Richard Goldstein, Dourles Agerest Co : A. L. Klein.

healding the emit ower a period of Douring E C Walls, cheef engi-Landgraf Tests License Test-Herbert Toesary. thief of flight engineering, Covil Los Acareles will be the course of tests of another West runnes of an "NY" experimental The 'eopter, design details

formit to give Heller the use of the University's stadyen as a testing greend accounts for the inventor's for except his 'copter to reach an newer, larger streooled radials,

#### CAA Plane Lab for Engine Fire Study Facilities expected to be set up

by Alecrafe Development Section at test ausko in Indianapolis. tion Money siready has been ob-

ably will be at the CAA's test Proposed is a separate building for nower plant fire tests, with a 3,000 hp motor and 4-bladed 18 ft. test section, accommodating a pewerplant and wing section and Design Changes--in the pent four years Douglas DC-3, Curbes-Wright C-46 and Wace YICS-37 tested in laboratories at the Nafirection of A. L. Morse, chief of

been to determine orders for desources, fire detection and tire exanalyzed and consisted in Techmeal Development Note No 31,

A Pine Bushesont Polarie - The Wood tests showed little is gained by providing empty fre protestion for fabric-covered planes unless such fabrie can be made five-resistant Accordingly, Bareau of a fire-resistant coating for doned The fire test promuze was re-

cently organized to develop annlinease, and a week-end public stave smake detectors in accordi warning of free, without riving





NEW PERCO HYDRAULIC RELIEF VALVE. Now a relief valve that meets thick operating efficiency through a temperature range of -65° F, to 4.160° F. New available at accordance with AN specifications. Complete new, 11610 Furth Avenue, Cleveland & Ohio (Devices Sorp-Worner),

PERFORMANCE POINTS

altitude of 6,000 feet in future test. Dozist and spreaded inline engines.



Bee-lines to Berlin

A structs late-milk structs-is one of the business things in the world to

reference laws like these on a quantity

Until recently this was a slow and model since consumed your hours.

charge the method. They built the does canfel except lines while you weeth It seems makes a member. And moded to the took of building more

When the year is won, Spring's abilities

#### AND AND THE PARTY OF THE PARTY

#### Specialized Depots Aid ASC Activity

Ope-place warehousing speeds up abigments of producement The more land densit system of the AAF Air Service Corregad.

whereby one draw handles the has been established by the ASC. Prank, who until recently commoded that beauth of the AAF. a member of the Army Board mvertication Pearl Harber set, at Flathure. Long bisard, bartly more than a year old, has been

the specialized program More certs for P-47 Thursferbolts fishtone on every front are provived from the magazineturer, sorted and mediate shipment \* Shipeheets-These yeary scenily one or two parts while others any run on high on 190 pource, 20 ctomo to the page and sensitions a thousend admired parts in one stem-With the exception of the officers in charge, all the work is han-

called an outstanding example of



Mei, Gen. W. H. Frank

envised with modern materialhandles contonent Original assemblies Theor, depending on large cases for quantity shipment parts By a carefully coordinated system, stapeneria reaging frees. mult packages of a few parts to Safery Record Cut have package cases or crotes are Clase to Source-On: Important tenture of the specialized depot plan is the location of each unit claus to its source of supply. This phase of the servicing operations; has cut down materially on much records, receiving, inspecting and prinsing shapping which so often warehouses. maintenance report, resulted in re-disparent over much contractor lintson, repeaking, and the same roots for final dispatch

The ASC, with a civilen per-



#### Mason Britton, director of the

Machine Tool Division of the Sarnhas War Property Admiratadministrator and beneforth will erty for which Reconstruction Among his responsibilities will be industrial plants, autoraft, machine tools and industrial econyerals, and other capital and producers' soods Mr. Briton, a director of Mc-Graw-Hill Publishing Co. since H since 1922, resisted July 1 to sein the SWPA

sud, were reduced by 25-5 per P Writi Engineed. The denset is useful secret of 190,000 themselved the localizate 60 per cout less



shipping by riel, truck or air to the fighting fronts



ASC Stack Bases: Photo at left should section of bases all over the world. At right are shown P-47 sorrelysase at Fifth AAF Specialized Depost, where

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#### THUNDERBOLTING THE GATES This work, you may say, it a far ery from

The meter of seconds, this Thunderbok maker will edger rain bulliages begules The and similar Thundshole Trusteliciest at actuabling ground torgets . . militar lecomorpes, more trans, fail

Thursdarbole palper are an reach harrant rive

Republic Assesses Corporation, Europeyfolio.

"DECK" WORK! In 30 ders, a steple Thursdelinis

## REPUBLIC @ AVIATION

## Debryof the openis, are control index, 174 solband cars Sr 225





a Post? Thunderbolt at heavy green a costing of year- in speased.

#### THE AIR WAR New Planes Stress Long Range To Carry War to Jap Homeland Super-bombers, fighters and transports to meet revised tactics

necessary in Pacific warfare after collapse of Germany, which is reserried by commentator as possible by Christmas.

with a better than 56-39 chance of Arnold in his press conference ten erall mends are not the same as those in Europe, and that training rent be different. He added that none of these posblems is insurmoretable, and that "all will be to schedule. Bornor (Wightta) ur

flag together some recent straws trend in surplace types and models The Need of Rance-To deliver

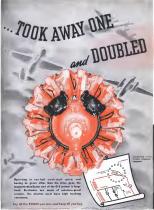
As the war in Europe heads up smoothing blows at the aircraft, and Heesen, long-range superstartial leads of both explorrers meets of Aircraft Production Board's Charles E. Wilson on B-39 conduction at his regethly confer-So far this key from for the Pa-

> still carrying the ball, but Bocon's Renton plant, Bell (Marretta) and duction; as Borgar, Senttle tapers off on B-17G's, it will swime into production of parts and subnamesblue for B-29's to be assembled at Renton. Fisher Body. Cleveland. and the old II-16 team of Budson- standens combat place of the war.

DeState-Conferry (for Martin denced by Takyo radio's definite mention of the D-32 as a longrange bomber to be based in China. that Beeing's B-29 will eventually find a stablemate in a very long rouge beenler by Consolidated, ing 1943. Properly enough, no detaxis as to production status, per-

understood that it is roughly the eggyvalent of the Boring Super-) Medium-Range Heaviss--li goes without easing that many importagt tasks can be perferred by Burms-Inde thester, Central and what shorter renged military ebrectives, particularly shipping. Japon's most ordical stem. Imermoment and other new conipment, will make the B-54 on over Production will continue at Weltree Nov. Connolidated (FW) and North American, Dalles, Not should the B-17, which carried the ball in the early Pacific sir was against terrific odds, be ruled out of ferthcomme operwises. Thu gine bembers, probably the out-

AVIATION NEWS . July 21, 1944



AVIATION NEWS . July 34, 1944

# the MARGIN of SAFETY

New G-E high-tension ignition system reduces number of units from three to twogives the odded protection of two magnetos—and doesn't require supercharging

Skilled pilon who've cared barrated places back "staying power" of American aircraft. One thing ression ignition system, in which the frections of single, integral onic Two of these usus replace the three—one magnety

and two distributors—found in most coverances! avasers. Since each magneto is capable of keeping before the engine quits.

SWPLIFIED HAINTENANCE From the trough crew's standpoint, this reduction

rassed, morechangrable rauguero-distributors can be PLIES HIGH WITHOUT SUPERCHARGING

flexible, impregnation of the hargest eligibles the

singulated design of the entire system facilitates

G-E symmes which give averalt manufactures subsentily rane. We'll girdly consult with you on the possibilities of adapting one of these pre-engagered systems -or of designing something entirely new-



GENERAL & ELECTRIC

AVIATION NEWS . AND B. Hee

will conserve in production at Short-Range Burnbers-The eminently secounts! B-25 Mrichell, one of the most potent anis-ship-

continued. The shift of all B-25 production (including the 15-page the B-25J strught bomber over least for the present. Still further inscreased models, with new co-

(B-26G is the latest model) will The new Dougles Inveder (A-86) both bomber has not been ensunted Japan The A-23, where four years of successful and widely downsized activity with the RAF. the AAF and the Red Air Perce. tack model and a smaller plassber Mange Hange Fighters-The long-

doing a setable jeb in General

posity, plus begger drop tanks green bowber a radius of sction of 700 to Halmahers, the Philippones and tical problem in China approaches the P-28 will find a more extended 51D) with its lighter weight, clean in operation in the C-B-I as a Sabter and dive bomber. This air-

plane may well emerge as the see



Chino prior to etteck on Japan's

Other Types-The P-39 produc-

tion is over, and P-60 is russing the Bussians for and in their reasyrevered drive to Berlin. The P-61

As for remune, frees-thesyndelsh, esport Sabters with 1,200-1.500 well-radius of notion. The prosingle-scatters, a round trip of 2,500 to 3,900 makes is a lot of firing and lighting for one pilot, if job against naturately spile Jap Fransports-To speed up the "staggering" logistical problem re-Navy R4D series), a war-winning sirplane not to be overlooked when Add to these the \$2-ton 4-engine

ter (New RSO1), the Laborator-Errores (C-52) and a respher of Lockheed Courtellations (C-49). Distinctive Naval transports inchade Martin Mariners (PRM-1. on the way), consultated Corengler (PR2Y) and Martin Mers (JRM-1). The Curbus and Door-Navy Combat Types-The fightreach sumpler problem. The scrapor Deuglas Deustien dre benber (SBD) has gone out of preduction at last, replaced by the more powcold Course Baltimor (993)

ventue mostly used by the Mawhich may see the light of day in Avenuer torondo bossber (TRF) ture within cames. Navy versions of the Mitchell (PBJ-1J) and the armed, will meet all requirements for medium weight search bambrange News Liberator (PRAY-1 heavy striking power, purt about

sense PCP smoothy treatmond transport team of accordy capable of deliv-

Other models, both of Army and Navy Air Fures, now under the borine, may appear before the

round-up is about the way it looks AVIATION NEWS . July 31, 1944

convertision and Willia C. Lancacch.



mics; M. D. Miller, southern region, company The fear regional vinc-

Alireis F. Better Level, former chief



Thomas T. Griminers, district manager

William Sheshardon has here an-AVIATION NEWS . July 31, 1846

Commerce, U. S. Department of

Mrs. Thebra Smock Outros (GhOS)

at San Diego di-Vision, Mrs. Ostrow has been with Conver since

May Clayton E Jayon, Unifed Ac-Lower milet on making leave, has

as hops over the Bures "haray

and as serior executive offers An

Bog Gos Bay L. Owens has been ap- miles on every roads of the company.



GETS LEGION OF MERIT: Mos. Gen. Thomas J. Henley, Jr.,

Staff vs. Washington Man. Gen

J. H. Miller, 66, chief of the alternit.







**RELIES ON** 





velver-smooth, non-fading action-mounted

in Goodyear cast murnesium-alloy wheels. Low experience proper this all-star line-up pursenters attend efficiency, dependability and cafety in Landing year operation! Pioneer builder of similare tires since 1909. Goodyear today produces the most complete, modern line of tires, tubes, wheels and beakes for every type of aircraft - from heliconters and light trainers to the present levisthens of the air, now in service or in prospect.

BUY WAR BONDS - BUY FOR KEEPS



ARING YOUR PROPLEMS TO HEADQUARTERS

PERSONNE TOMORROWS THES-TODAY! looking toward the firsts, Goodpar openies du logier periodi cared ag-

THERE'S A GOODYEAR THE FOR EVERY MISO DESCRIPTION LOW PROPER

Michell **ERRORLI** AUXIOUS NAMES (min's pressure) SCICING SCIENCE Mose types available with choice of

licked by the measurer of the facts

Angeles 54, Gelfaren.

Shorwood L. Can his been appointed district traffic maringer for North-Portlend, Ore, service lete ...

minarer in Minsted with an aviation school spec-

Robert L. Binerid, farmerly constant ington National Arrport to replace Ewi Strokener, who rememed to farmerly with Amoracan Airlines

ply Corp, in He takes over the currention of



Lungs of Ment vance" He is the

the new 12th Air Force in 1942 and inter as decare chief of the 12th

Box Gos. William J. Walters has been

#### THE NEWS VIEWS-

Charles F. Dyger

ing long below uncrerrities deemed

He was born in Eleton, Mr., July

27, 1667. After graduation from

high school in Washington, D. C.

In addition to building sircraft. Decer lest-flew a number of ex-

perimental planes, legged more then 5,990 hours no a pilot in stu-

dent instruction, did motion picture stant ffring, and prioted mount

He toined the CAA in 1923 as an

percupulical mapociar, later be-

Charles F Dyoer, nationally re-

chief of Engineering Inspection when it became a court on 1959 a section in 1944 and a discussor in White on the West Coast, Dyger has been a reversor of the Professonal Prints Association and a Operators Association of Cabines ain He pow layer with his wife avid coffer and as pre-war days Heed to take as the races

## TELLING THE WORLE

· Earle Personate Com, Lanconer, tative advertising plans reclude a · American Export Arrivaes has onnounced that Rebert E. Dumme, former associate editor of Structure tion. Dewree is no axisdan pournaled of neveral years experience and is a . Ivan Railet has been sweepfed to

green, under personal direction of Bachned C. Louisbury, passwager and Fixture Service, which he recented from 1922 to 1902. Here he learned Cyflan plane models were pracoursed out through the dromen of tically ren-existent in those days. a feet which led Dyeer to build his nubble relations in New York with Capt. Patrick O'Speel in charge of the newly established contributed tary planes. These composite arrtype landing gove and the first all

factor reasons from the power of The annual proort of Possers Financial World, a publication which north second by leading American

the Names City region In 1936 he was made Coordinator of Kn-AVIATION NEWS . July 31, 1946

#### AIRCRAFT PRODUCTION

### Cost of DC-3 Reconversions

Average from \$32,000 to \$40,000 Between 12,000 and 15,000 menhours reported required to rescore planes returned by Army to sirlines; shortage of parts and components, and engine inspections delay week.

Decrees 15 000 and 15 000 mms, when and extension in Washington hours appear to be about the ever- were that most of the 100 additioncost renging from \$30,000 to Delta place at Sento Monica was from American TWA and Northand the only resultship of any east. Still others will be sent there arrangt speedy reconverging of the done by the sirlines' ewa shops. a 13 Planes Mesond-it receases a

will get suspier or more compli-Facts Shortage-One is a shortstill are tight, although no plane

toply by anability to get required Latest remorts indicate 12 planes materials. Another is that Profit & had been mayed into the Douglas. Whitney is reported to be refused

Water Wings One difficulty in coturn by lines has cropped up in the fact nivine with entirence over-

result has been a swappear rob.

This entirely logical refusal is based on P & W1 position that it bearing its name in airline serspee and that it cannot do this unis completely up to P & W standed out, horners transitioners





heading the line. Douglas estimates four to rer weeks for each reconversion, but says the tiese will be lowdestroy assume set as assessed to handle there. Where former gardinery are lost or reconversion is separattotal, neuter C-47's well replace them for adaptation to crysten wer.

Deagles Seconversion "Assembly Line": With new

wer planes in the background and egmoutone over-

egytnes not approved by the prunnal desence. Wright Aeronautical provided that engines are thanstrane or other adequate facilities. use of sufficient manheurs from war production, although at the reament this does not appear to be parts. Premariyana-Central Aur-

men 100 in 23 days, the second in

conversion components. Two other

parts and components difficulties.

FC-12's Hedified-Some of the autines, it was learned, and these cution process for strike use since they are the first, slightly refactured for military use. The principal change was in the instal-

brought below 12.000 hours or the cost below \$32,000 nlane if stringed there of all sirdoor was sustailed and the floor difficulty reported by the sirkers for ratery with the planes. The & Ports Are Time Parter-Illus-



NEWLY DEVELOPED WRIGHT FIN:

Greater harmonier outcut and second of 24,000,000 sounds of allow week nautural Corn. in conservation with Scandia Manufacturing Co. The bar-



NEW RADIO MAST:

Installation Changes-Reconver-

#### used by sirknes in the original Plane Distributors

distributing of passesses to be of aircraft cagaze posticating The new organization, the sonouncement said, will offer a com-

#### Data Listed to Standardize Catalogs

Prenaces outline of organization and subject statement desired be members following survey. culling of the congression and

Perts should be identified by Sufficient Information to allow practical application of the part

sure, tolerances, location and size of electric hydroxic pregnate. h Changed parts should be given new numbers or dash numbers unless dimensionally and functionally Maximum strength or capacity of Type and specification number of

n fabricated should be shown. Government drawing or specification numbers to which the part · Method of interpreting coded part Information regarding the proper b The accurate arteral wearst of all

Cotolog should have an ideatify-Dispersal tools necessary to metall perts should be listed Billisted drawings group more de-Catalogs should be approximate-

Further information relative to



With an ear to preceding distribution of viewes and parts, the American

Areston Mert (Aviation News, June 12, Pane 53) has opened in Chicome in the Permeture Mart to exceed the propose needs of private fixery. Solve are maybe to lets of not less than \$566. Photo shours solvenous dustry our be obtained from C. M.

#### Adel Corp. Names Canadian Agents

Adel Precision Products Corp., of Burbank, Calif., has named Constitut Bulleton & Teasor St. sive Canadian representative Bay products of Adel as well as the firm's current production of 300 h Heite in a Cities....Wide convenen of the Canadian market will be

Cornell Order Filled Fleet Aircraft Ltd., of Fort Erse. for the Languier bomber, it has the schedule resulted in transfer

#### Civilian Workers Aron, standards on sincer of Northroo Asseraft Inc., Mawthorne, Cal. Fear Vet Replacement

thousands of discharged service suferment themselves, are extre to other jobs on which muldery men other penderties. Bucht now airmen affected them, from whatever

between civiness at work and anplying far jobs, and returning sec-"must" order, and they fear the effect on efficiency.

Failure of aviation stocks to collarse following invasion may give promus of better market than constally forecast.

on the replier. The accompanying

been slopely identified with the

Bendix shoold have both dati-

followers D-Day, as many charryore expected. While the group did not participate in the general apprecistion experienced by other in-

b Bendin-Green movements are to cover many outstandier indi-

already industry, has shown reh War Gales Discounted-dr in muckable market strength. The stock is not only selling harber of 1991. This performance may be pany's operations. Now an active producer of surgraft parts. Reputs to Europe, in late 1939, a bear market set in for the entire indusculty in repopytrized to its former status of manufacturing parts for

trial but Investor sentument viewed war presperity as temporary with no lasting benefits The 1942 and 1943, the peneral market aged higher price levels. Not the -though the same (\$6.95) as you asserufts-they kept right on deported for the previous fiscal year. Current earnings, however, are A Cature-An analysis discloses

early December of 1943. Significantly, a gradual upturn set is custy of this year. Lows for 1914 D-Day However, it is particularly lows made this year were conclusevely higher than the low points reached in late 1943 To market verus year. Capital conservation, housest trill most Marks bold dividends down to the 75-cent Secry-Scorry, which in many tics to Benday, has also shown sig-

March 31, 1995 as compared with

unce passed its 1943 peak This company, while popularly shriftbalk of its operations in other directions. For excepte, its main As its navel beginnes is also of a

A month after D-Day finds must personal market strength-which to riself-denotes a hopeful general that aircraft compenies will fail to does not have the same complica- performed in any prosperity wave who persist in the helter that bethe sulemotive industry his streng wants these equities. Successful

AVIATION NEWS . July 3L 1946

provides tax law provide a potent custion against declining entrongs. conserver These elements in offect. our becomes, is the public clarrour and negotar support which is so

#### WPB Revises Rating On Plane Supplies

Avoiding concerns exceed excharacter in crop dusting seeding Covil Air Patrol, which personnates in farmel towing and other military projects, were assigned AA-1 ratings for maintenance, re-War Production Board. The ratann previously were lewer. DOther Battery Changed-Includpatrol, survey, and fire protection

Service, Department of Agriculor for palice and law-enforcement agencies, and the Bureau of Entersology and Plant Quarantine, Department of Agriculture. The Board said that, under the

## Warner Salaries

craft Corp., was peak \$24,000 dar-1943, according to the company's meluded \$15,500 to L A Majneri,

#### \$12,000 to L. A. Fwance, vice-peuident and sales manager, and \$12 . Financial Reports

b Republic Aviation Corp. reports for the six months period ending

hore 30 After fadaral taxes amounting to \$7,925,083 and reand continuousnes of \$169.701. amount carried to extract suretus

is \$1,000,170, count to \$1.84 a share 'just to year-end independent audit on 202,936 common. These figures. Not sales for the first half of the are before renegotiation and sub- 1946 fiscal year were \$219,197,334





INSIGNIA OF AIR FORCES:

Official immore of the newest and Arms Air Forces, the Mith, or

Air wests. The impigue, score as a shoulder notch by officers and turn.

everbelizes the clobe-carding

letitude and inscitude. The tabile

ster has a red disc orater, sur-

rounded by a cold exercist and

gold severe.









### As potent a force in peace as it is in war.....



#### PRIVATE FLYING

#### Culver's New Victory Model Puts Firm in Good Post-War Position

Average of 100 inquiries a day received on strength of purformance record of company's pro-war already; retractable landing grar and wing efficiency stressed.

for the LFA was \$3,995, and \$2,095

for the LCA. The \$250 difference

Prices of post-war planes. Cul-

or labor and materials cores. Then

can be partly affect by higher uro-

during efformer dysloped out of

way experience. But now efficiency

cuspot wholly offset high costs excent la volume production. Generally menkuar, inhor cests have

50 cents before the war to manyroums of 94 cents and one dollar

new. How lone they will play

Making Army Planes-Culver is

employers corned in producing

specially coursed phoes in vol-

urne for the Array and Navy, and

has been able to recrease its offimenor so that one werker now

preduces more in a day then he formerly did in a week. Company

boson that this performance can be

Before the war Culver was pro-

there, no one one my

By BLAINE STUBBLEFIELD

About 23,000 inquiries have been post-war deliveries of its two-If all hightplane builders were graded according to their degree of optimism on the early peacetime market, Culver would stand at or near the top. The company ) 100 Inquiries a Day-Chief renson for the requires, which lately

are reported morene in as an averare rate of 100 ner day, undoubtsere data on the pre-war model. These data, practed to the accom-LFA, with Continental and Frankhe services, respectively Prospec-Culture would descent collisives the main characteristic of a per-

utility formals: (1) The plane word be clean; (2) rafer then ever-(3) more economical, (4) faster, and (h) more oppositely That's Victory model—about which the a Condity Plane... What they do nay to that the new dearn will have characteristics; that it will be a quality plane - using expensive price brackets. Every effort will he made, however, to hold the



ver, and (right) T Sources Wood-

a week. The rate ofter the wer care in the same plant, without expencity. The plant and most fourlying Design Changes-Officials told the writer during conferences in have war contracts which would 1945 if bestlittes configure. They already have completed three design changes in their war product and are about to begin a fourth charge. The company was in a position to accept large sub-con-

their accustomed line of opera-Cultur engineers my the unis due mainly to the retractable agner. They say their muched of improved and the out greatly retransferred in part to its elvisor # History-Culver was organized in 1838 by K. H. Culeer, at Colum-

have Ohio. Die first gestreet was during a maximum of ten Codete shout 50 Dart planes Production



of sohet the new Victory model will look like. The Victory model, inpost-war price as much below \$5,+ 000 as possible. They hope it will corporating numerous design changes, is expected to accord the high performance standards of the Cadel.



and (right) Charles Jamiron.

of Colores was started in 1946 Invest the commany moved to In early 1962, a controlling in-

#### Grid Marking

Proposed gred-pattern marktelly of marking of ten-mile average with whate lines, or of er sald a fort priot might as well look for his destination

Il would be fracible, though, Mr Margan said, to mark all "air address" in letters, flights, The speaker proposed that all or many or the landmarks

Culver Victory Performance Data		
	LCA	LFA
uag speed		
coports		
	50	
vine leiding		
er landing	17.49 The	38.31 7

Parks Air College

operations.

Opens K.C. Agency

other herrober for rule of Fr.

couper in expanded pene-war

Purks Air College has opened a

fest steps in a contemplated plan

stratus and sales rermoses White

its pure, its office is at the Karasa

Parks has become the distributor

1 Other Arraries - Meanwhile

notual Ercoane fight instruction at Kanna City. Most of it will be

Stroit manager of the base, and Nichola, the base allot, currently comprise the Kennes City personlary and stemperspher. However, Place Chicago, Indiscupolis and

quantum of its own Konsas City Parks in distributor for Recouse rasks, Illinois, Indiana, Ministripi The company has negated another airport in the St. Louis area at Indianapolis. Negatistions are

but the Army is continuing its use New Plane Compass Made of Plastics

New developments in plastics correctly plant other branches at Circust Indiaganolis and Turculeous, Ala, Frank Brut, former company, the Sherrill Research Corp. of Peru. Ind., therea is an-Parks plant at Jackson, Mars. in

The new Shernil company will were in the distribution of the Er- be light in weight without mornice president of the company, which is now available urreidos comossos

#### TRANSPORT

#### Progress of Air Mission to Spain Rouses Optimism in Washington

Ryan perurns to U. S. after "busy trip"; Stamon and Novinger to stay two weeks longer to study landing facilities; Madrid reported friendly and cooperative Be MERLIN MICKEL

Washington eviation cordes are comment was that he "had a busy Despite official reluctance to disdrid by the State Department after cass details, however, there are no sir "agreement in principle" attitude of complete friendliness The delegation consisted of Oswold Ryen, Cryft Accounties

The Sourcest Air Minister made a of the New York region of CAA's Air Cerner Inspection Division. domestic avristion as to airports. Firspect Landing Facilities-Although Byon has pringed, while economical. The energies her corncal inspection of landing facilities

riers to enter its borders, and its Frediniary Agreement - Too usts merely establishes the willingof facilities, and amular problems

Ocean Records

2,875 males from Paymen, Rive. to New York on 15 hours, 16

migrates on a scheduler fight.

other American Report priori, Capt Edward A Stewart, sin-

Eaght of 1,500 rules from Nac-

port, Masters), in 5 hours, 35

suputes The creft flow so-

coving to flight plan over the

North American continued,

Air Transport Consessed re-

perts a C-56 flow 3000 roles non-stop from London to



SOUTH CAROLINA HOLDS FIRST AIR FORUM: First South Corolina Attention Forum uses held at Colorest Air Lines, Sohert F. Nelson, Stoney Air Lines,

AVIATION NEWS . Job 31, 1844

in Spars, presumebly the report of

Charleston, under resuspondus of the City of Charles - Vic Little, Delta Air Liner: George Gardiner, Paxton its Charsher of Courserve, and the South Corp. American Arregous sented, H. C. Alon, Colonal Ar-Lines, Meurice Lethbridge, Eastern Air Lines, Macshows in the curture are left to right structure, Mil- Donnid Briggs, National Airlines, and R. Stanfey. herd & Donn Southeastern Air Repress E. S. Ruffes. Webber, Delta Air Lines.

well be arrest of the carried to which h Sparringer Air Minded-There in intense interest in aviation known Spaniards, perticularly in official

writhing closely negotiations be-

rights in Portugal, to favor of one whereby the State Department might presure rights for U.S. cur-

cease of its technical nature, is not

#### LaGuardia Field Key To Atlantic Airways More than 500 terrenorms corns

and passenger planes cleared at New York sisport is a recent Newly disclosed fargres on oper-

Transport Command handled at

LoGuardia more than 4,000 war-> 1943 Record Cited-These facts added to the field's 1948 record, have led Brig Gen Lawrence O. Fritz, commanding officer of the North Atlantac Wine of ATC, to Live Crabs by Air Belarved to be the first nosumo day about American er. They were shoped so a American's western traffic

trend. The first six reauths of this. year new more than 1.780 shen-229,479 chapments a 23 mercent can over the 260 538 is the first Air Expens—Air express here



PANAGRA ENLARGES DC3 HATCH

not muse. When glosed it is balled so furelose is not weakened. Pameera comment that "Leftunglia Field save the new hatch, which it believes in the lervoid of the kind over cut

has attained a position in trans- into a DC-3, has been expressed by Ciril Aeronouses Administration. AVIATION NEWS . July 31, 1946

amounting to 51 550 commared Pollogo dans before on a Stille with 454 operations to be the heavest day in 1943

year in 1941 when it bundled 193 -Canada Warns Vets 950 moorney and economy arr-

\$24,000 passeners carried 1400 Mark Pessed-Already in January there were 7.700 arrivals During 1943, 16-420,000 nounds. Of the 24,200 arrivals and decortures in 1944, or only 471 fewer than the 1941 neak and an estimade of 44.988 are carrier oneca-

tions in 1944, or 1.712 fewer than The field's lowest troffe day this

On Used Warplanes

use in starting commercial air

In answer to a question during whether used strengt would be node available to returned anwen on time hour after the wor P Consecutal Planes Francisco While Canada is selfing used sircraft when they are no longer needed. Howe suggested that the veterage would be wiser to buy matable commercial planes built for the purpose. could recommend to the govern-

operating subsidies, a method help finance returning surmen in the establishment of feeder Imc service. But, Howe warned, such

Canada Act Revised The new Canadam Accounties Act actions up on Air Transport Board gives the Board the power to fix meetirsen bours of work for rights of appeal and extent of pert. Right of appeal to the Supreve Court of Canada on ourswas finally included, but the novit the Minister's power, saying authority was necessary for full

with 1762 underloated costs Dallas Bond Sale A second bond sale of \$1,000,000 551 Brazilf Alcores has a ner-



ONSAIRWAY LIBERATOR SETS RECORD: Pole specially received Commissional Value Liberator prosessor, deforms

Air Priorities

Curbed in Mexico

sons on efficial business.

18,884 in March, 1963.

Tex. slso is being built. Two II S. flar corners in Mexic.

enlarged to alread twice that of

new port at Nurvo Laredo, furt

screen the berder from Laredo.

co are Pun American Airways,

\$44 miles in passemper and corpo service. Consumory, which operates showing more than 5,000 flates hears each

#### Barnes Heads CAB's pent on improvements to Love Economic Bureau Ironon Roberts Barnes, 40, sr.

where he has warked since 1940 will head the Civil Accountation Action limits plane must so per-He will succeed Raymond W Stough A emphasis of Yale, as



Ph D. in compenses, Harnes tought that subsect there. He has written and utility problems ed as was Struck by Rassell B. Advers societant director, Stone): now spound sometant to the Board they are opening CAN's near for-

#### AA-Export Merger May Force CAB To Clarify World Route Policy

Acquisition hearing, ranging UAL and PAA, interveners in case, against American and Export and all but one of demessic alatious, both down to strongly over chosen instrument on free contention.

American Arrives on which exam- > Effects of Stock Sule-Testimony companies, representing the views of all but one of the domestic U S airlines, met squarely the attack

wavey and Division Air Lives, both ocean author. A. N. Keggs, provident, Relati S. manager, and Charles A. Bheir-

quire CAB to take a definir stand on the international aviation questraffic, all of American Alrinos. built up their company's case for rattern obsessible with the ap-FCoordanated Operations-Opera-

Dogen Competition Policy-In the absence of further Congressional againty of trans-seem flight origiaction, the open competition policy nating at interest points of the ment, capable of carrying a 10.999to discussib us interest as the case became a forum for the discountry pound psylond civilbound to Bu-

Briefy American Airlines and true for eight months and two couldn't interest in American Exduly for the other four months probably would be operated. 120,000 shares of the latter's treas-Similar commont mucht be total of \$3,000,000 The province oversted over poch companies, change accepted, mynor singleship company, Should the purchase neuliable trans-occup arr route in Adventure for U. S. Currierto 25 percent, and the management

American Actines. There will be

proposed by American and Ameri-

der the II. 8 flas. Only by this

mestic carrier making with Part American's case with a compre-Artherine travel, both as the need

Fravors Single Line-W. L. Putdoes not believe trans-Atlantic

#### Solution Secn

than reght be pererally ap-

traffic will support more than one ti & fue sirine in competition with the fareign flag carriers Rather than divide the effects of tennal air transport should be Transportinental & Mestern Air its withdrawel was announced

derive the proceedings. b Interveners-Other interveners were Air Line Pliets Association. exported with its contract with American Export, and the United States Lines, a stramphra consenter

Pag American's lower at several poents, but A. J. McCarthy, without for U. S Lines, testified that his Pan American's request The Unitof Day American stock and offices edies of 28 forests countries

Wreen and Feedmand Moran Department of Justice, which cuspenarily intervenes in CAB proovedinm which may involve restraint of trade, was absent from the case. Representatives of the State and New Departments were absences Three days made to

#### PCA To Seek Routes To Nine Countries Pennsylvaria-Central Antmex.

PCA's plan consists of three uro-

A New York-Moscow spate from Eastern Seaboard points to Newand Iceland, and thence to Orlo. and Monore, Teberan and Bases. b Link to Orient-Hawaiian Air-A U. S -Africa route from Washington and New York to San Juan. Truedad. Paramaribo. Heleon. Notal to Dakur, Trittedad, Casablanes, Apriler, Madrid and Pans Dokor to Monorata, Lares or Acu-

era. Beaugaville. Johanneshure and A U. S.-Far East route, from



Sour, France, Africa, China, India

The applications were not ex-

PCA placed so much emphasis in

to Europe. Another 1942 PCA no-

in the category of works route ap-

alreations filed since CAR's and

tern. The line's application for a

South Atlantic route to points in

Orient. TWA uset before the

Sound's approximeness. find an

the south reste. Other interne-



INSTALLATIONS IN CONSOLIDATED'S MODEL W Interior of passenger mockup of Connolidated Value Aircraft Co draw and etabuser resting erromanues. Shifting hall-band and nor

via Alaska and Scheme to Vietowhich asks extension of its A vastak, Mukden, Shonghai, Heer from Chicago to Musneapolis Kong, Parson and Calcutte, with a St. Paul. Bostes paught w los from Multden to Printing and serve Bocklord, III., Milwo Chunckuse, and an alternate from Wis, and Rochester, Mires. a Alaska to Unalaska, Kaslo- Paramushiru. Tokyo, Shanghar and Nine Countries-Together these would parallel the operation constitute a proposal to go from Washington, New York and Chithe latter to point-to-point cago to Russia, Finland, Sweden,

Delay NAA Meeti Executive Committee of annual business meeting at plication, for an 5,000 mile notscheduled for Aug. 2 and 3

> World Routes The first two internation route proceedings based on 5 Cred Aerotautics Board's a

cent parmeted world rot pettern begin this week w a prebearing condeposes The senter. Wednesday for #

#### Feeder Report Fails To Deter Applicants

Realistic CAB opinion remeded generally as applied chiefly to By DANIEL S. WENTZ II

Civil Accountation Board's comeven though the language omgloved was continue to the point of peutitrusts. Most of these would-be arrives view the Board's

specien as "seemd," but a waventy every to feel it implies chiefly to the other fellow. Thus it would seem that the Beard failed, in part to accomplish its warmon. one-was to lay here the hard twendstrans of economic fact upon which any successful sieline operation must rest. The Board heard. by so done, to make it clear to the burdeeds of applicants for routes that a mere destre to do so was

not ensuch to support an airban b Retrenchment-What the Board Government probably will be rethis strict economy in prespect, the Board current be expected to

The nurture of sir curriers has occupied the Board meressingly in the smaller corniers out of the enst to the movement. It does net more at all likely that havens hardy flushed reising one crop of annestation of well take many more freder operations These are tem- > Surface Carriers-The operator mezza, the CAR will insure against

fair warrong that the Perforal transport sension which are now-



Tests of a presente cube easier

metallations in other traffic offices. central casheer, who returns cor-It redicates, rather that the CAB Treasury cannot be expected to

underwrite local sirline sperations. in the founding of which eathersthe question of route patterns, goded in Individual cases. This was a disappointment to many who nearnovement on this problem. The many other types of layest were

Everyrers William J. Madden and their report. It seems probable. service rather than "clover leaf" taurly will not use a feeder autime you clear and to-the-mont on surtrouble in a big overhead deret. Then it will to been the plane grounded while the

The words of the CAB on com-

FCaution-By the terms of the this reason, it is faily willing to authorize feeder line operations experimentally, to suther a body base more lustime conclusions. It knows that every hastily undertaken airline operation which becomes bankrust will affect the sptegrity of the andustry as a whole

The Board's opinion probably toxis and unrecommently pensionation

Dependability

place on the ground being as a ent more persentently for One hard-headed usuation sicling recessed director some

Taguar reliability already in appropriate this point, for selof indraments, beating agoterm, hydraulic systems, etc. sibility, and quick depressfulrotatesance erew sheet the

microfilm by air and printed in the U. S., but as yet is only a "goodwill root, the publishers pay they may "Time" and "Newsweek"-In the

will not be husb-oresoured by excentive enthancem rate accepting morous steal eirlines of which a

Planes May Widen Publishing Markets

One of the interesting results growing from the war-born develocement of air transport is the newspapers, magazines and other

Milds Rates Factor-On the other express rate which will keep printed matter in bulk off the hibstyre by high

planer for some time to come chiefly because the higher per pound value of other commodities Further terprovements seem so-

adjectly with planer. They were used to obtain photographs rapidfor advertising and presenting Mr Was extremely restricted, and could be absorbed as publicity expenditure The Chicago Dedu News used this method to deliver nature by sir to Chicagony vacattlering in Wisconsin and nearby

Chan's lergest dech newspaper, the To Kung Pao Citeras arread edition which is printed as Changking and curthe air curing is a two-page theat curingers editorials. news reports and special at-

Chinese Edition

AIRLINES TISING ATC COMMANDOS

Some estimate and units C-46 Certisa Concessados in their Air Transport beauted overstices. Parties shows one, wethout comountage point, and have had some on its ATC runs, and up to two mouths upo Colonial Acr-News and Manageal Airlines liberate used there. time to come, will confire via una followed by Newsgook The for-

mer is distributed widely in Latin. then marger editions. Pars Arearteen Airway's carries these manneiges at a special half-obstrerate. In other maiances, places are Name Royce Counsel sent by air and printing is done in

ton costs outweigh peels in this For Policy Group type of operation. "Pecy editions Airlines Committee approvaces sequisition of New York senseney and aviation cethusess; for moffing charges are almost pro-Special commit selected by the Publishers of newspapers in the

Airlines Committee for U. S. Air East are hoping to extend then of regulated competition in westau evenue charges were marked ander B. Borce, New York atsouble volume of busines might regult Popers shipped in this was The committee took considerable oride in ampuncing acquisition of would, of course, have a limited suffered wiffers to pay the extra his services, since he is a member of the legal firm of Chadhourze. h Wider Markets-Preder line onrecently has done counterable spheres of infraequi of many arraller uspers, excediting delivery | North African Job-in 1943 he was director of warturn occasional While numerous similar possi-

bilities coust, it seems likely that that mok him to Almers as propethe publishing industry, for some referry to 1941 and 1942. Rayon trine of two months each for De-William & M. Burden, rook Assustant Secretary of Commerce, in elimination of Axis interests from Nothing in these government assignments, which entailed leave of absence from his law practice, was

connected with aviation. In our-

suspec of the work, however.

Royce made many trips by air and done by the arrives in their ca-ATC. His closest connection with airlines was some wars are as New Interactional Auditomont—

orten under which as emoutive converges on the meson expects to say that 'charges are not made for committee is at the committee's is directize the week The fiveman executive errors is without a permanent charman, although b Rases will been faces have been extablished at 12 cents ner wassenger

#### Heads Tax Study

Commercial firms whose emaloves travel via ATC pay there lend-lenge. Perspensi of government agencies de net pay Ray. mans is carried at \$1.90 per ton

Report ATC Charges

For Some Passengers

to pay 12 cents a mile rate.

tive sources in Washington had week that the Air Transper

Certain commercial travelers said

#### ATA Bid to Sorrell ATA Group Calls Engineering Meeting

nance conference state November. Dr. Socrell went with ATA in January, 1945, en a year's leave

India New and Post-war

To manufacturers of alresaft, aero engines, associational equipment to marginization of fireful, and engine, associated to complete accessors including arminis, ratio, according highing and kindred brase The Associate Associates a Course well-formed and Fran-Again Air Anociatus are planetaring a chain of mentioners and protest mentioned at the major air ports, in Irdia which places there is an activities poetine to represent Air Liens and undertake the insatisfactors.

Bunk and other references calmitted, Communicate Stant to:

THE ASIAN AIR ASSOCIATES Warrell House, 11 Graham Rand . Bulliont Estate, Fort, Bundur day, one of which will consider accessories. The second day will for discusses of central peoblems, Chairman of the committee at N. L. Anderson, superintendent of

#### CAB SCHEDULE

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Aug. 13. Doubles for corredonnia to epithic
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AVIATION NEWS . 207 H. 1946

Trans-Canada Air Lones has intra-bigh frequency modulated radas

From Howens comes word that La doubled its schedule between Hevduly passenger survice to Verndero The first landing of a TACA plane

to New York on a charter flight from Temperalas, Renduras de Japerre and interior Brunl,

term at Chicago, Dalles, and San

Southern Methodest Hersenste. Pan American Airways claums a transportation on a schoduled clupser fight from More to Noted. edited partitioned to inhomost in the Lifely Agentium Case (Species 169 et al.).

8. Attigations of London Livenian Chrisque, commissioned with the West Court wint have been dissipated with the West Court wint have the 1650-relie trie. A Transport control & Western Avr vechround, brapies of Libers • Fon American Alympic publish to here the Feb. 22, 1809. The propeller, a Hy-

with the Contine Parkits maps amounted helpful Barriage and any water war Sick herein Barriage and any water war Sick herein The Contine State of the Contine State of Market the contine of contine State of the Contine State of the State of the State of the Contine State of the State of State of the Contine State of the State of State of the State of the State of the Contine State of the State of the State of the Contine State of the State of the State of the Contine State of the State of the State of the Contine State of the State of the State of the Contine State of the State of the State of the Contine State of the State of the State of the Contine State of the State of the State of the Contine State of the State of the State of the Contine State of the State of the State of the Contine State of the State of the State of the State of State of Contine State of the State of State of the State of the State of the State of State of the Charge what it prefects will be one of the largest and most madern authe city ticket offices in the mater. teror as much work space, in less

City Dogden, Utali, place to continue operation of the control tower at Hingkley field despite its melanon Army intigation City commitmeners have ected to lense ogsapment and horrow a CAA society oversion to seeier in certification of local news

on an all'alpen that invitant from the delice operation will over appears.

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# CRE determination of a mail cuts was published by Ten American Alexandre in cour for Against accommon town Ass.

Oct 1, according to Junes A. Mac-WANTED racco. The airments are at McMarroy, Rudarrass, Fort Strick Deet Resolution, Ear Sires and Previdence, slong the Northwest Staging AFRONAUTICAL ENGINEED CAR ACTION

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The meeting or bettering of required delivery schedules is a habet at Mercury morte reseible by a personnel skilled through long experi-

ence in building aircraft MERCURY AIRCRAST INC

AT The Credit of Accident

#### More Air Attaches

WASHINGTON'S MOUNTING CONVICTION that comtent matramentalities of foreign policy is at the bottom of the State Department's decision to ep-

FDITORIAL .....................

Some officials in the Department advocated that that aviation was on the road to accomplishing in wartume what mucht otherwise have required a

The rount new has been reached where it is aviation work for the embasses and desirable from the standpoint of national presture to denot-Present plans call for civil air offices in the Lon-

rive. Riv de Janeiro, Ottowa, Mescaro City, Carro, included as one for purposes of aviation, the tentative plan being to appoint one official for both Lesengeten Setterthweite, a remor dialemet, already has been appointed civil air attache in London Setterthwatte, a licensed private miot, has specialized in aviation matters for the State Depariment for five years in both Washinston and London. His new title merely formalises his fune- to be avoided

of Ambessedors, they will bendle all aviation matters affecting the Dasted States in the country of landing rights and in working out various agreements and conventions that will be reached with

The attaches will keep Weakinston abreast of ters. There has been criticism lately that the cenbesses are deficient in understanding of the ener-

This is attributed partly to community in other fields and partly to Washington's fasture to discurrent on traffic and market patentialrities, domestic air service, foreign competition and such bassies will be informed of up-to-the-minute developmenta elsewhere

There already is informed unconlation that attaches may eventually be appointed in France, he a major public relations task. It should start at Russis, the Far East, Australia and perhana one or two more Labor-American countries.

Provide II. S. existing is to be represented offcostly in the world's main capitals and the nation as to have a tightly-knit information system by which it will keep track of significant develop-

#### Surplus and The Public

Now that a variate examinery of spinion has surples success, another major took has aboutto make certain that the nation understands the worker of the nelleier formulated after serious and intensive consideration by the Surplus Aircraft Advisory Subcommittee. Without a painstaking local explanation of the general plan, and why it attemed its present form, much of the earnest study and constructive thought that has

Industry has too often seen that policies exrefully and conscientiously conceived and put into execution become worthless because of the fedure to translate the policy into terms that the Amerseen receive both understand and eccept. Thus, beedless and unthinking criticism out divert a propert instinted by wise policy into uncountd

The tesk of education falls largely to the ser-Indications are that the civil air attaches will be could industry, but it is as important that the airlunes your st. It is vital to the progress of both groups, and the nation, that the surplus problem be settled so quickly as possible with as little loss to the enverpment, the bixpayers, industry and to Americans are essentially thrifty. They are

wasteful only in that the hore surpluses of nature make at mossible for them to be westeful in small thongs, when it appears more economic to waste

But the lesson of the last war taught that there will be a natural revoluon toward what may seem pendical waste and destruction of uncommonic correlation is that, inherently, war is westeful But tangible surplus disposal will come after the war, at a time when it will be more difficult for the vehille to face the fact that their wealth representad in the singraft surplus to not being wasted, but by the best authorstics so most desirable from the To convence the American people of the sound-

ness of the accoraft surplus disposal policies will Dogger H. Woon. AVIATION NEWS . July 31, 1944







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